

Message

From: Golden, Paul [Golden.Paul@epa.gov]
Sent: 3/2/2021 3:50:06 PM
To: Qian, Yaorong [qian.yaorong@epa.gov]; Liang, Yan Ling [Liang.YanLing@epa.gov]
CC: Nguyen, Thuy [Nguyen.Thuy@epa.gov]
Subject: RE: PFAS cover memo
Attachments: B21-02 Anvil Preliminary data Summary-QAO-210302.xlsx; B21-02 Anvil Method 210222.pdf

Attached is the method used.....that still needs to be AUTHORIZED.

Question:

The current product spreadsheet divides the solution concentration found on the instrument (ng/mL) by 5 for reporting as ng/mL Found, but it's NOT 5 mL of sample weighed but 5g of sample weighed.....right?

Furthermore,

It appears to me that the ENTIRE 5 g of sample weighed is brought to a 0.45 mL final volume or:

The final concentration of sample extracted is::

$5\text{g}/0.45\text{ mL} = 11.11\text{ g/mL}$

Ex. 5 Deliberative Process (DP)

Ex. 6 Personal Privacy (PP)

Paul

From: Golden, Paul
Sent: Tuesday, March 02, 2021 9:43 AM
To: Nguyen, Thuy <Nguyen.Thuy@epa.gov>; Qian, Yaorong <qian.yaorong@epa.gov>; Liang, Yan Ling <Liang.YanLing@epa.gov>
Subject: RE: PFAS cover memo

I am OK with not reporting any PFTeDA if we believe there is a comparable amount as background.....solvent blank.

Paul's thoughts over the weekend:

Since we are WEIGHING the Anvil sample for analysis, rather than measuring or using a volume as we did in the rinsate, shouldn't we be reporting results as ng/g (rather than ng/mL) or was the density of the product determined somewhere along the way?

Paul

I will sit down with Yan, since Yaorong is not here today, to verify the transcription of the PFUDA result from the spreadsheet to the report.

From: Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Sent: Tuesday, March 02, 2021 9:31 AM
To: Golden, Paul <Golden.Paul@epa.gov>; Qian, Yaorong <qian.yaorong@epa.gov>; Liang, Yan Ling <Liang.YanLing@epa.gov>
Subject: FW: PFAS cover memo

Paul
Please see attached e-mail for Yaorong's explanation of why PFTeDA was not included.
Yaorong/Yan – Please verify the concentration of PFUDA per Paul's comment (0.04 versus 0.03)
Rick K wants to share the results for the product before noon today. If the explanation for PFTeDA is acceptable to you (Paul) and PFUDA is verified, I will clean up the sheet for the results and send it to Rick
Let me know
Thanks
Thuy

From: Golden, Paul <Golden.Paul@epa.gov>
Sent: Thursday, February 25, 2021 5:55 PM
To: Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Cc: French, David <French.David@epa.gov>; Liang, Yan Ling <Liang.YanLing@epa.gov>; Qian, Yaorong <qian.yaorong@epa.gov>; Petterson, Ingeborg <petterson.ingeborg@epa.gov>
Subject: RE: PFAS cover memo

I have finished my first pass of the B21-02 PAC for the Anvil Product data.

I did not check calculations to the report (that was done by Yan and David), I only checked transcriptions.

I have a few questions/clarifications needed (in yellow) for my transcription checks to the summary report (see "Product samples" tab of attached spreadsheet).

Paul

From: Golden, Paul
Sent: Thursday, February 25, 2021 10:21 AM
To: Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Cc: French, David <French.David@epa.gov>; Liang, Yan Ling <Liang.YanLing@epa.gov>; Qian, Yaorong <qian.yaorong@epa.gov>; Petterson, Ingeborg <petterson.ingeborg@epa.gov>
Subject: RE: PFAS cover memo

Thuy,

I received the project folder yesterday for the Anvil Product and am hoping to finish my first pass of the PAC today.

Paul

From: Nguyen, Thuy <Nguyen.Thuy@epa.gov>

Sent: Thursday, February 25, 2021 10:17 AM

To: French, David <French.David@epa.gov>; Liang, Yan Ling <Liang.YanLing@epa.gov>; Qian, Yaorong <qian.yaorong@epa.gov>; Petterson, Ingeborg <petterson.ingeborg@epa.gov>

Cc: Golden, Paul <Golden.Paul@epa.gov>

Subject: PFAS cover memo

All

We need to explain our data and why we think the fluorination process created PFAS. So I added a paragraph under Conclusions, in red for that. Please see if you agree and/or want to add anything else

I need this back before end of day today.

Ingeborg is added to this for a fresh new pair of eyes.

Thank you

Thuy